IMPROVING HEALTH: DEVELOPING NHS FIFE’S NEURO-REHABILITATION OUTCOME MANAGEMENT SYSTEM (N-ROMS)

1. INTRODUCTION

1.1 This paper provides an update report to the CHP Committee, outlining the N-ROMS Project, phase 1 activity and reporting structures.

1.2 The Neuro-rehabilitation Outcome Management System (N-ROMS) is a collaborative project between NHS Fife and the Nursing, Midwifery and Allied Health Professions Research Unit (NMAHP-RU). The N-ROMS project commenced in May 2013 and aims to develop an outcome management system for use in routine clinical practice to reliably inform us of patient progress, interventions and service development.

1.3 The system will include a set of measures that will track clinical outcome and compliment the information currently gathered on patient reported experience of care. Patient related outcomes will inform quality improvement activities across the Fife Neuro-rehabilitation service. The initial focus will be all inpatients referred to NHS Fife Neuro-rehabilitation services.

1.4 The N-ROMS data will be used to answer a variety of questions relating to patients outcomes such as, differences in functional outcomes at differing time points; satisfaction with levels of patient-centred care and the therapeutic resources used to achieve outcomes. This information will, in time, assist in the continuous quality improvement and planning of service provision for patients across Fife.

1.5 There are a number of phases to the project. Phase 1 and 2 will focus on infrastructure development and feasibility of the N-ROMS. Phase 3 will use the N-ROMS to contribute to service development, quality assurance, and future research.

1.6 N-ROMS will be used to share information with the patient, their family and other stakeholders about the rehabilitation areas and outcomes. Staff will receive feedback on achievements and areas for continuous quality improvement. In addition it will provide opportunities for collaborative work with the NMAHP-RU on research. The current N-ROMS project includes two PhD projects.

2. PHASE 1 – SETTING UP N-ROMS

2.1 The N-ROMS steering group has been established with representation from NHS Fife Neuro-Rehabilitation Services, e-health and Research and Development (R&D), NMAHP-RU and user group representation by the Neurological Alliance for Scotland. The first meeting was in May 2013 and quarterly meetings are scheduled.
2.2 The steering group are assisting with the development and implementation of the project action plan.

2.3 In addition to the steering group there are links with national/international rehabilitation colleagues. There are three international external consultants for N-ROMS. These are peers in the field of rehabilitation with knowledge and experience of rehabilitation outcome systems.

2.4 The current focus of the project is on reviewing and establishing a core set of process and outcomes measures for N-ROMS. This includes; (i) the use of consensus methods to identify the patient outcome measures which are most important from the perspective of service user, clinical staff and other stakeholders (ii) a review of existing process and outcome measures already collected in Fife and any new measures from the rehabilitation research literature.

2.5 The N-ROMS will include the chosen rehabilitation outcome measures and be linked to clinical and demographic measures within the NHS Fife e-health infrastructure.

3. N-ROMS REPORTING
3.1 The N-ROMS Steering Group will report regularly through the NHS Fife Stroke Managed Clinical Network (MCN) to the KL CHP Clinical Governance Group and Senior Management Team (SMT), NHS Fife. Additional reporting will be completed, as requested, to other relevant groups within NHS Fife, NMAHP-RU and the Scottish Government.

4. RECOMMENDATION
4.1 The Kirkcaldy & Levenmouth CHP Committee is asked to:

- **note** the paper and progress in implementing the N-ROMS project.
  and
- **endorse** the recommendation that a further update on N-ROMS project is provided in six months time.

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